

Figure 1

100



IDENTIFY A LANGUAGE (E.G., ARABIC LANGUAGE)

102



**EXTRACT/COLLECT INFORMATION REGARDING IDENTIFIED LANGUAGE
(E.G., ARABIC LANGUAGE)**

104



**LIST AND DEFINE PHONOLOGICAL AND PHONETIC UNITS OF IDENTIFIED LANGUAGE
(E.G., ARABIC LANGUAGE)**

106



**IDENTIFY VARIATIONS IN IDENTIFIED LANGUAGE
(E.G., CLASSICAL ARABIC, MODERN STANDARD ARABIC, COLLOQUIAL ARABIC)**

108



DEVELOP A MAXIMAL SET

110



REDUCE MAXIMAL SET

112

Figure 2

200
↙

IDENTIFY TERMINOLOGICAL PROBLEMS

202



IDENTIFY TRANSCRIPTION PROBLEMS

204



EXTRACT/COLLECT ALL PHONOLOGICAL AND PHONETIC UNITS

206



ESTABLISH A FEATURE SET

208



SELECT A REPRESENTATIVE SYMBOL FOR TRANSCRIPTION ALPHABET

210



BUILD A STRUCTURED SOURCE

212

Figure 3

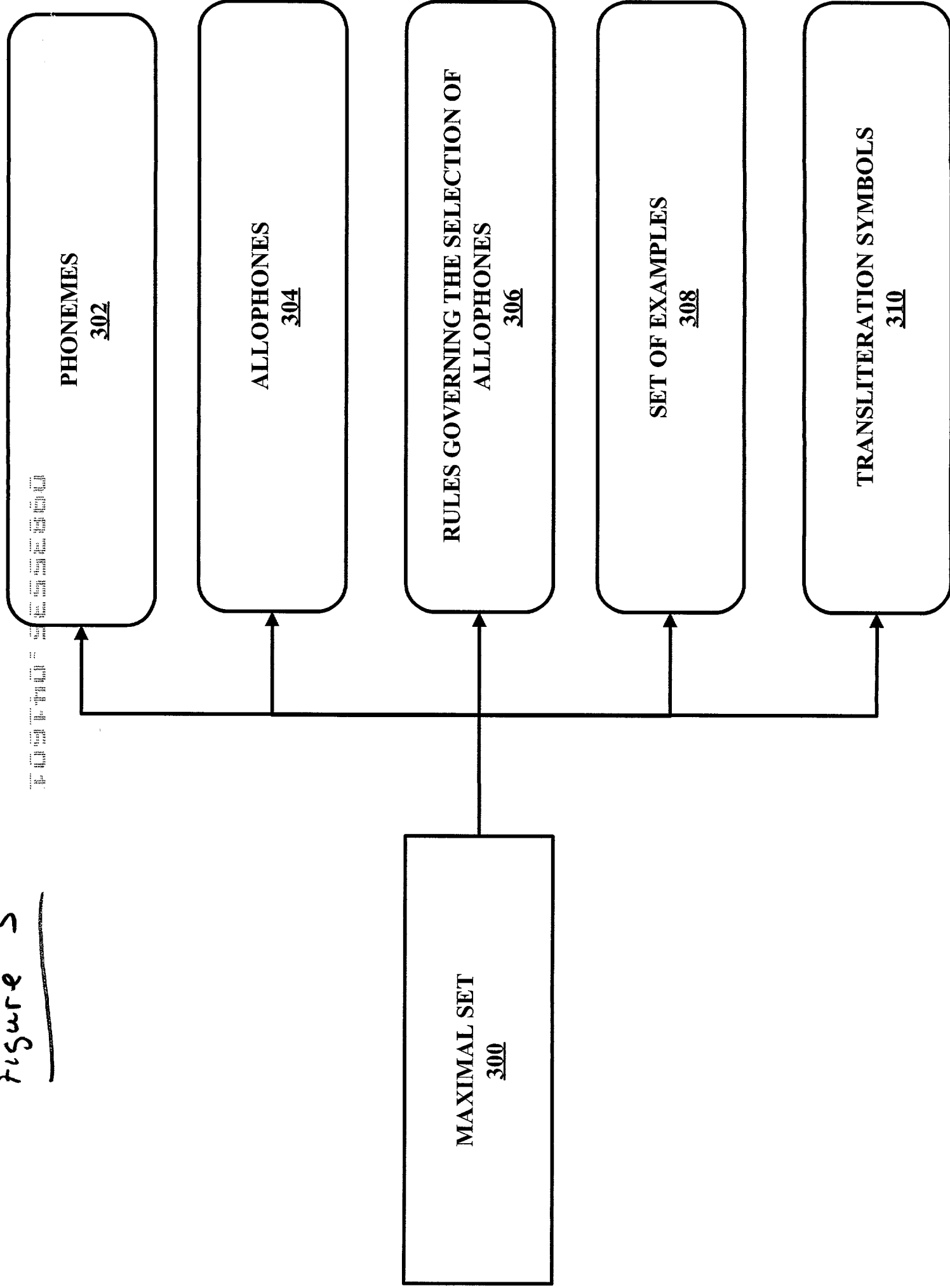


Figure 4

